

**CLAIM AMENDMENTS**

Please amend the claims as follows:

1-9. (Canceled)

10. (Currently amended) ~~A~~ An isolated nucleic acid molecule having the ~~a~~  
human cyclooxygenases 2 sequence ~~of from about nucleotide 1796 to about +104 of a~~  
~~human cyclooxygenase 2 gene~~ operatively linked to a reporter gene, wherein the sequence  
consists essentially of SEQ ID NO:5.

11. (Canceled)

12. (Previously presented) The nucleic acid molecule of claim 10, wherein  
the reporter gene is selected from the group consisting of a luciferase gene, a  
chloramphenicol acetyltransferase gene, and a  $\beta$ -galactosidase gene.

13. (Previously presented) The nucleic acid molecule of claim 10, wherein  
the nucleic acid molecule is contained in a vector.

14. (Currently amended) ~~A~~ An isolated nucleic acid molecule comprising  
about 1.9 kb of a human cyclooxygenase 2 promoter operatively linked to a reporter gene,  
wherein the promoter has the sequence set forth by SEQ ID NO:5.

15. (Canceled)

16. (Previously presented) The nucleic acid molecule of claim 14, wherein the reporter gene is selected from the group consisting of a luciferase gene, a chloramphenicol acetyltransferase gene, and a  $\beta$ -galactosidase gene.

17. (Previously presented) The nucleic acid molecule of claim 14, wherein the nucleic acid molecule is contained in a vector.

18. (Currently amended) A cell comprising a an isolated nucleic acid molecule having ~~the a human cyclooxygenases 2 sequence of from about nucleotide 1796 to about +104 of a human cyclooxygenase 2 gene~~ operatively linked to a reporter gene, wherein the sequence consists essentially of SEQ ID NO:5.

19. (Previously presented) The cell of claim 18, wherein the cell is a human cell.

20. (Previously presented) The cell of claim 19, wherein the cell is a Jurkat cell.

21. (Currently amended) The cell of claim 18, wherein the expression of the reporter gene is controlled by the sequence of ~~the human cyclooxygenase 2 gene~~ SEQ ID NO:5.

22. (Previously presented) The cell of claim 21, wherein the cell is capable

of expressing the reporter gene.

23. (Previously presented) A cell line having the access number ECACC 9903245.

24. (Previously presented) An *Escherichia coli* DH5 cell line having the access number CECT 5145.

25. (Canceled) A method comprising:  
contacting a cell comprising a nucleic acid molecule comprising about 1.9 kb of a human cyclooxygenase 2 promoter operatively linked to a reporter gene with a test agent; and  
measuring the reporter gene activity  
wherein a reduction in reporter gene activity indicates that the test agent may be a transcriptional inhibitor of the human cyclooxygenase 2 gene.

26. (New) A cell comprising an isolated nucleic acid molecule, wherein the nucleic acid molecule comprises about 1.9 kb of a human cyclooxygenase 2 promoter operatively linked to a reporter gene, wherein the promoter has the sequence set forth by SEQ ID NO:5.

27. (New) The cell of claim 26, wherein the cell is a human cell.

28. (New) The cell of claim 27, wherein the cell is a Jurkat cell.

29. (New) The cell of claim 26, wherein the expression of the reporter gene is controlled by the sequence of SEQ ID NO:5.

30. (New) The cell of claim 29, wherein the cell is capable of expressing the reporter gene.